

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 December 2004 (29.12.2004)

PCT

(10) International Publication Number
WO 2004/112602 A1

(51) International Patent Classification⁷: A61B 5/00

(21) International Application Number: PCT/US2004/019129

(22) International Filing Date: 14 June 2004 (14.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/478,693 13 June 2003 (13.06.2003) US
60/478,681 13 June 2003 (13.06.2003) US

(71) Applicant (for all designated States except US): PE-LIKAN TECHNOLOGIES, INC. [US/US]; 1072 East Meadow Circle, Palo Alto, CA 94303 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FREEMAN, Dominique, M [GB/US]; 4545 La Honda Road, La Honda,

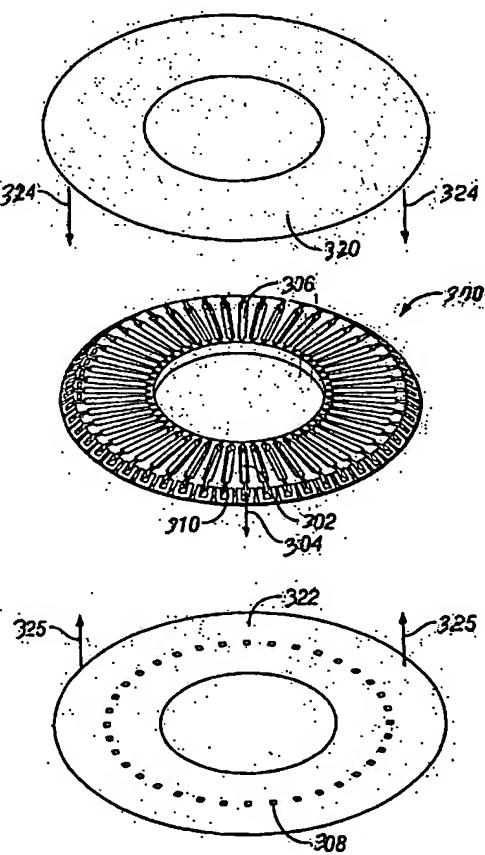
CA 94020 (US). BOECKER, Dirk [DE/US]; 1652 Castilleja Avenue, Palo Alto, CA 94306 (US). ALDEN, Don [US/US]; 1312 Nelson Way, Sunnyvale, CA 94087 (US). MAUZE, Ganapati [US/US]; 1072 East Meadow Circle, Palo Alto, CA 94303 (US).

(74) Agent: TUNG, Hao, Y.; Heller Ehrman White & Mcauliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR A POINT OF CARE DEVICE



(57) Abstract: A plurality of Point-of-Care (POC) tests on a single cartridge (300) is provided such that sequential or nonsequential tests may be performed in an integrated fashion without changing the test cartridge. Each cartridge can contain a penetrating member sensor (302) combination in a radial disk format, interrogated and read by a single illumination/detection device. Alternatively a series of tests can be measured electrochemically and reported. Only those tests, which are required at the time, the sample is taken need to be reported, though all tests are carried out.



(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG). — before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— with international search report